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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Patent Number

6,934,725 B1

Issue Date

August 23, 2005

First Named Inventor

Thomas L. Dings

Art Unit

2167

Examiner Name

Leslie Wong

Attorney Docket Number

EMC-046PUS

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply (Preliminary)



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
Appeal Notice, Brief, Reply Brief

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):PTO Certificate of Correction  
Letter**Certificate  
of Correction**  
NOV 21 2005**Remarks**

In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Daly, Crowley, Mofford &amp; Durkee LLP

USPTO Customer No. 022494

Signature

*Paul D. Durkee*

Printed name

Paul D. Durkee

Date

14 Nov 05

Reg. No.

41,003

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

*Trish A. McHugh*

Typed or printed name

Trish A. McHugh

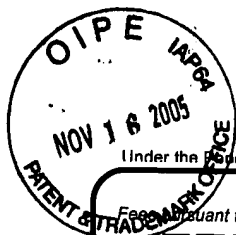
Date

11-14-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 22 2005



PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fee is pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**100****Complete if Known**

Patent Number	6,934,725 <i>31</i>
Issue Date	August 23, 2005
First Named Inventor	Thomas L. Dings
Examiner Name	Leslie Wong
Art Unit	2167
Attorney Docket No.	EMC-046PUS

**METHOD OF PAYMENT (check all that apply)**

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):  
☐ Deposit Account Deposit Account Number: 50-0845 Deposit Account Name: Daly, Crowley, Mofford & Durkee, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP = <u>0</u>	x		<u>0</u>			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP = <u>0</u>	x		<u>0</u>			
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = <u>0</u>	/ 50 = <u>0</u>	(round up to a whole number) x <u>0</u>	<u>0</u>	<u>0</u>

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: PTO Certificate of Correction

Fees Paid (\$)
<u>0</u>
<u>100</u>

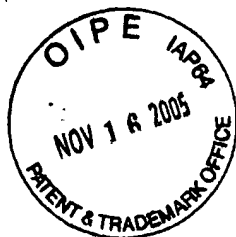
**SUBMITTED BY**

Signature	<i>Paul D. Durkee</i>	Registration No. (Attorney/Agent)	41,003	Telephone	781.401.9988 ext. 21
Name (Print/Type)	Paul D. Durkee	Date	<i>14 Nov 05</i>		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 22 2005



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OF COUNSEL  
MARIANNE M. DOWNING

November 14, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


RE: United States Patent of Thomas L. Dings  
Patent No. 6,934,725 B1  
Entitled: MANAGEMENT OF FILE EXTENT MAPPING TO HASTEN MIRROR  
BREAKING IN FILE LEVEL MIRRORED BACKUPS  
Issued on: August 23, 2005  
Application No.: 10/029,344  
Our Ref. No.: EMC-046PUS

Dear Sirs:

Enclosed are two completed copies of Form PTO/SB/44. It is requested that a Certificate of Correction be issued to correct the listed mistakes in the above-identified patent.

Also enclosed is a check for \$100.00 to cover the cost of the Certificate of Correction in accordance with 37 C.F.R. §1.20(a). If there are any additional fees, please charge Deposit Account 50-0845.

Regards,

  
Paul D. Durkee  
pdd@dc-m.com

PDD/pam  
Enclosures  
19143

11/17/2005 CCHAU1 00000060 6934725

01 FC:1811

100.00 OP

NOV 22 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO : 6,934,725 *Bi*  
DATED : August 23, 2005  
INVENTOR(S) : Thomas L. Dings

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- Column 2, Line 56, delete "to mirror disk" and replace with --to the mirror disk--.
- Column 5, Line 31, delete "platform 16a, 16b." and replace with --platforms 16a, 16b--.
- Column 5, Line 32, delete "system 18a, 18b" and replace with --systems 18a, 18b--.
- Column 5, Line 59, delete "the require less" and replace with --they require less--.
- Column 6, Line 4, delete "such a backup" and replace with --such as a backup--.
- Column 8, Line 61, delete identified "chunk(5)," and replace with --identified as "chunk(5)--.
- Column 9, Line 23, delete "<DISK15(3)\_LOCK31(3)(1)\_7>." and replace with --<DISK15(3)\_BLOCK31(3)(1)\_7>. --
- Column 9, Line 34, delete "650(f)" and replace with --650(f)),--.

## MAILING ADDRESS OF SENDER:

DALY, CROWLEY, MOFFORD & DURKEE, LLP  
354A Turnpike Street, Suite 301A  
Canton, MA 02021-2714

PATENT NO. 6,934,725

No. of additional copies

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NOV 22 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

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DATED : August 23, 2005  
INVENTOR(S) : Thomas L. Dings

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Column 9, Line 34, delete "650(f)" and replace with --650(f)),--.

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PATENT NO. 6,934,725

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